## EAST Search History

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
2	188	504/346 ods	US- PGPUB; USPAT; USCCR	ADJ	ON	2010/12/07 10:31
.3	48	2 and valve	US- POPUB; USPAT; USOOR	ADJ	ON	2010/12/07 10:31
_4	256	604/323 ods	US- POPUB; USPAT; USOOR	ADJ	ON	2010/12/07 10:33
3 3 5	87	804/237.ods.	US- POPUB; USPAT; USOOR	ADJ	ON	2010/12/07 10:52
_6	705	\$04/247.ods	US- POPUB; USPAT; USOOR	ADJ	ON	2010/12/07 10:57
.7	127	& and (diaphram or diaphragm)	US- PGPUB; USPAT; USCOR	ADJ	ON	2010/12/07 10:58
.8	622	137/659 ods	US- PGPUB; USPAT; USCOR	ADJ	ON	2010/12/07 11:14
9	264	137/512.15,599.01,843,852.cds. and (diaphram or diaphragm)	US- PGPUB; USPAT; USCOR	ADJ	ON	2010/12/07 12:39
_10	2	(("6270474") αr ("5601591")).FN.	US- PGPUB; USPAT; USCOR	OR	OFF	2010/12/07 13:48
_11	8	(("5881563") or ("5771935") or ("7108361") or ("5025629") or ("4514742") or ("2497906") or ("7302962")).PN	US- PGPUB; USPAT; USCCR	OR	OFF	2010/12/07 13:49
_12	1	(*418(477),PN.	US- PGPUB; USPAT; USCOR	OR	OFF	2010/12/07 13:49

.13	36	(10568352"   "1619481"   "2669979"   "2809599"   "2880584"   "2980032"   "3045605"   "3127906"   "3314600"   "3356100"   "4066036"). PN. OR ("4181477").URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2010/12/07 13:49
31	5	F6390130"	US- PGPUB; USPAT	ADJ	ON	2008/07/28 13:12
2	1	(°690130°) PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:13
3	1	("610141") PX.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:13
34	1	(("6749582") or ("2004249340") or ("2003204164")).PN	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:14
35	3	(("6749582") or ("20040249840") or ("20030204164")), PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:14
36	1	(*5025629*) PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:15
37	4367	\$04/30,73,74,167,01-167.03,236,237,241,256,322-326,346,533,537,305 ods	US- PGPUB; USPAT	ADJ	ON	2008/07/28 14:20
333	99	\$\(\frac{2}{2}\)(2010038799') \text{ or \$\(\frac{2}{2}\)(200000459') \text{ or \$\(\frac{2}{2}\)(20010038799') \text{ or \$\(\frac{2}{2}\)(20040158199') \text{ or \$\(\frac{2}{2}\)(20040158199') \text{ or \$\(\frac{2}{2}\)(20040158199') \text{ or \$\(\frac{2}{2}\)(20050228443') \text{ or \$\(\frac{2}{2}\)(20050228443') \text{ or \$\(\frac{2}{2}\)(20050228432') \text{ or \$\(\frac{2}{2}\)(20050228432') \text{ or \$\(\frac{2}{2}\)(20050228312') \text{ or \$\(\frac{2}{2}\)(2005022834') \text{ or \$\(\frac{2}{2}\)(2005022836') \text{ or \$\(\frac{2}{2}\)(200502836') \text{ or \$\(\frac{2}{2}\)(2005022836')  or	US- PGPUB; USPAT	OR	OFF	2008/07/28 14:52
9	4	(*5071403*), PN, OR (*6110141*), URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:32
310	14	("2786609"   "3084707"   "3270771"   "4712583"   "5025829"   "5617897"   "5727594"   "5771935"   "6089272").PN. OR ("6390130"). UJPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:33
311	31	"2497906"   "2759609"   "3176712"   "3827456"   "4593720"   "4712583").PN. OR ("5025829").URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:43
312	21	(3633605"   4237880"   *2241756"   *434305"   *4534764"   *4846215"   *4966199"   *5025629"   *5453097"   *5520661"   *5617897"). PN. OR (*5771935").URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:49

S13	4	("5071403"),PN. OR ("6110141"),URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:53
S14	14	("2756609"   "3084707"   "3270771"   "4712583"   "5025829"   "5617897"   "5727594"   "5771935"   "6089272"), PN. OR ("6390130"). URPN.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:53
315	90	[1316584] 1052236] 10694073] 10956325] 10975047] 1113942] 11184631] 1460927] 11644257] 1670610] 12060062] 12222811] 12419765] 1252108] 1252265] 12522811] 12419765] 12522108] 1252265]	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 15:55
316	223	(\$7 and breast and (valve or diaphragm)	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 16:07
317	11	IST and breast and valve seat	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:08
318	76	\$7 and (opening or aperture or vent) with (offset or stagger\$3)	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/07/28 16:17
319	80	(604/237 cols.	US- PGPUB; USPAT; USOOR	ADJ	ON	2008/08/12 09:04
20	30	["3767085"   "439049"   "4610666"   "4689042"   "4755169"   "4795433"   "4976336"   "4976942"   "5116315"   "5147323"   "5199949"   "5240146"   "5263786"   "5271527"   "5286259"   "529023"   "5314412"   "5329976"), PN. OR ("5473223"), URPN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 09:42
21	1226	137/859,512.15.ads.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 10:27
	5	(*3373743"   *4112924"   "5478323"   "5626667"), PN. OR ("6608792"), URPN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 10:28
23	1	(°5792153°).PN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 10:39
24	599	137/659.cds	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 10:52
\$25	5403	\$004/246,247,248,249,256,30,32,33,167.01,167.02,167.03,236,237,322,323,324,326,73,74,75,76,346.cds	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 10:53

\$26	807	604/73,74,75,76,346 ods.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:53
27	398	S26 and (diaphragm or flange or valve)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:54
28	4	(5071403°), PN. OR (*6110141°), UPPN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:20
29	1310	137/859 852,343 ods.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:52
30	572876	'20' and operlings	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
31	1310	137/559 652,843 ods.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
32	293	SS1 and openings	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07
32	661	137/512.15.cds.	US PGPUB, USPAT; USCOR	OR	OFF	2008/08/12 14:08
34	84	\$33 and diaphragm	US PGPUB, USPAT; USCOR	OR	OFF	2008/08/12 14:09
35	476	valve and openings with t-shaped	US PGPUB, USPAT; USCOR	OR	OFF	2008/08/12 14:54
36	190	valve same openings with t-shaped	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:54
37	1	(°5025629°), PN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:07
38	3	((16390130°) or (16110141°) or (16749592°)).PN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:08

39	14	% 2756609"   "3084707"   "3270771"   "4712583"   "5025529"   "5617697"   "5727594"   "5771935"   "6069272"), PN. OR ("6390130"). UPPN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 15:09
40	807	504/73.74,75.76.346.ods	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:11
41	0	S40 and no-autodavable	US- PGPUB USPAT; USOOR	OR	OFF	2008/08/12 15:12
42	1	S40 and non-autodavable	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 15:12
43	22	S40 and autodar(\$4	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 15:12
44	3605	treast and autoxlat(\$4	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 15:23
45	108477	breast pump and autociav\$4	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/12 15:23
46	892	treast pump and autoclav\$4	US- PGPUB; USPAT; USOOR	AND	OFF	2008/08/12 15:23
47	1	breast pump and non-autodav\$4	US- PGPUB; USPAT; USOOR	AND	OFF	2008/08/12 15:24
48	10	greest and non-autoclav§4	US- PGPUB; USPAT; USOOR	AND	OFF	2008/08/12 15:24
49	471	137/859	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 11:27
50	599	197/659.ads	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 11:29
50	335	\$50 and opening	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 11:29

952 953	631	silf with t-shaped	;US- PGPUB; USPAT; ;USCOR	ADJ	OFF	2008/08/13 13:03
353	2	\$52 and 1137° clas.	.US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
354	242	şilit near2 t-shaped	ius Papub; Uspat; Uscar	ADJ	OFF	2008/08/13 13:03
555	181	silf near t-shaped	;US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:03
357	10242	'631' and valve	ius Pgpub; Uspat; Usocr	ADJ	OFF	2008/08/13 13:04
57	54	\$52 and valve	;US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:04
58	266	(slit or opening) near2 t-shap\$3 and valve	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:08
359	1060	opening with foot with bar	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:13
60	10	Copening with foot with bar with t-shap\$3	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:13
61	123	Spenling with foot with bar and valve	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:14
62	65	opening with foot with bar same (valve or diaphragm)	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:14
63	1	(*4402342*).FN	US- PGPUB; USPAT; USCOR	OR	OFF	2008/08/13 13:18
64	7	("0921892"   "3286727") FN. OR ("4402342") UFPN	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 13:18
S65	4	(*3266727*),UFPN.	USPAT	ADJ	OFF	2008/08/13 13:20

366	12	(*1302084"   *1385147"   "2604296"   "3286727"   "3310066"), PN, OR ("3903921"), URPN,	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 13:22
67	7787	(opening or slit) near2 (t-shap\$3 or (cross near2 shap\$3))	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:39
68	143	(\$67 and "137" clas.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 13:40
69	661	137/572.15 cds	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 14:12
70	467	137/843.cojs.	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/13 14:12
71	286	137/652 cds	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 14:12
72	1380	\$59 or \$70 or \$71	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 14:12
73	727	572 and opening	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 14:12
74	0	200467836	US PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 14:44
75	2	§("2004087898") or ("6461324") or ("2003230351") or ("6110140")).PN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/13 14:44
76	4	{("20040087898") or ("6461324") or ("20030230351") or ("6110140")).PN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/13 14:45
77	529	251/358 cds.	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:00
78	8	i\$77 and t-shap\$3	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:00

S79	996	it-shaped opening	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:13
S80	139	\$79 and (valve or diaphram or diaphragm)	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:14
S81	26	\$79 with (valve or diaphram or diaphragm)	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:14
S82	176	, valve with slit near 2 cross\$3	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:44
583	235	Valve with slit near2 (cross\$3 or intersect\$3)	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 16:44
384	467	137/843.cds	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 17:31
85	286	137/852.cds	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 17:54
386	599	137/859 cds.	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/13 18:17
87	2	{("20030153869") or ("6237521")}, PN	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/14 07:29
388	972	137/599 O1 cds.	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/14 07:48
89	23	["0259682"   "1350610"   "2615675"   "3194262"   "3646957"   "4141379"   "4175794"   "4210370"   "4690465"   "4705324"   "4765693"   "4913446"), PN. OR ("5141298"), URPN.	US- PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/14 07:57
390	1	(*5943)229*), PN.	US- PGPUB; USPAT; USOOR	OR	OFF	2008/08/14 08:34
S91	86	["0790051"   "0793940"   "0897289"   "1494974"   "1509226"   "1596520"   "1890354"   "2209424"   "2303383"   "2558479"   "3424486"   "3097128"   "3695266"   "3728385"   3738385"   3362703"   "3911920"   3921249"   "3977405"   "4020383"   4033346"   "463317"   "475947"   "4799422"   4813382"   "4850511"   "4873699"   "483970"   "4673388"   "4800028"   4759747"   "4799922"   4813382"   4857051"   4892517"   "4892922"   4857051"   48920517"   48920517"   5007699"   5009638"   5009126"   5071403"   5188610"   5241969"   "5277557"   "5295957"   "5304129"   "5354476"   "5408919"   "5415632"   "562266"   10251015"   "028732"   1028732"	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:34

392 393	9622	valve with notch	ius Pgpub; USPAT; USOOR	ADJ	OFF	2008/08/14 08:44
<del>3</del> 93	7	Valve with jacket with notch	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:46
394	1054	(diaphram or diaphragm) with notch	US PGPUB; USPAT; USOOR	ADJ	OFF	2008/08/14 08:47
995	2	(("5104093") or ("5381563")), FN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 08:47
396	97	cross-shaped openings	US- PGPUB; USPAT; USCOR	ADJ	OFF	2008/08/14 08:55
397	110	cross shaped openings	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:02
98	2	three branch shaped openings	US PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:03
399	0	\$three branch shap\$3 opening	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 09:04
3100	372	604/29.cds.	US PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 13:14
3101	453	\$0430.cds.	ius Pgpub; Uspat; Usoor	ADJ	OFF	2008/08/14 13:22
3102	6	§("3833147") or ("4610665") or ("5936203") or ("5897033") or ("5904275") or ("6352520")).PN	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 13:45
3103	4	§("4680028") or ("4799922") or ("6287521") or ("20030153869")).PN.	ius Pgpub; uspat; usoor	OR	OFF	2008/08/14 14:30
S104	4	§("3411669") or ("5025829") or ("5360419")).PN.	US PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:30

S105	1	((*4345619°), PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:31
3106	3	(("3827456") or ("5360413") or ("4345619")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 14:31
107	1	("20070173756"), PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 13:54
108	702	504/73-76.cds.	US PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:13
3109	325	\$108 and breast	US PGPUB; USPAT; USCCR	ADJ	ON	2009/03/18 14:14
3110	354	\$04/74 cds.	US PGPUB; USPAT; USCCR	ADJ	ON	2009/03/18 14:14
111	98	50475.cds	US PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
3112	73	504/76.cds.	US PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
1113	225	i504/73.cds.	US PGPUB, USPAT; USOCR	ADJ	ON	2009/03/18 14:14
114	19	\$113 and breast	US PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 14:14
3115	498	\$110 or \$111 or \$112 or \$114	US PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 14:14
3116	17	\$115 and autoclav\$4	US PGPUB; USPAT; USCCR	ADJ	ON	2009/03/18 14:14
S117	1	\$115 and non-autodav\$4	US PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15

S118	0	S115 and cannot with autodar(\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15
S119	176	604/346.ads	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
\$120	65	S119 and breast	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S121	531	S120 or S115	US- PGPUB; USPAT; USOOR	ADJ	ON	2009/03/18 14:20
3122	10	\$121 and dead	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:21
3123	521	\$121 not \$122	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:23
S124	267	604/236.cds	US PGPUB, USPAT; USCOR	ADJ	ON	2009/03/18 14:48
3125	80	504/237.ods.	ius Popub; Uspat; Usoco	ADJ	ON	2009/03/18 14:48
3126	940	i504/246 adis.	US PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 14:49
S127	654	\$04/247.ods	IUS PGPUB; USPAT; USCR	ADJ	ON	2009/03/18 14:49
S128	839	i604/256 cals.	US- PGPUB; USPAT; USCCR	ADJ	ON	2009/03/18 14:49
S129	2591	\$124 or \$125 or \$126 or \$127 or \$128	US PGPUB, USPAT; USCOR	ADJ	ON	2009/03/18 14:51
S130	1923	iS129 and (valve or diaphram or diaphragm)	US PGPUB; USPAT; USCCR	ADJ	ON	2009/03/18 14:51

S131	396	S129 and (diaphram or diaphragm)	ius- PGPUB; IUSPAT; IUSOOR	ADJ	ON	2009/03/18 14:51
S132	663	137/512.15.cds.	;US ;PGPUB; ;USPAT; ;USOCR	ADJ	ON	2009/03/18 15:05
\$133	473	137/843.cds	ius PGPUB; IUSPAT; IUSOCR	ADJ	ON	2009/03/18 15:05
\$134	289	137/852.cds.	;US ;PGPUB; ;USPAT; ;USOCR	ADJ	ON	2009/03/18 15:05
\$135	604	137/859.cds	;US- ;PGPUB; ;USPAT; ;USCCR	ADJ	ON	2009/03/18 15:05
S136	1931	\$132 or \$133 or \$134 or \$135	;US- PGPUB; USPAT; ;USCOR	ADJ	ON	2009/03/18 15:05
3137	429	\$136 and (diaphram or diaphragm)	US- FGFUB; USPAT; USCOR	ADJ	ON	2009/03/18 15:08
3138	22	\$137 and thinner	;US- ;PGPUB; ;USPAT; ;USCOR	ADJ	ON	2009/03/18 15:18
3139	2	(("3827456") or ("7302962")).PN.	US- PGPUB; USPAT; USCOR	OR	OFF	2009/03/18 16:23
3140	1	( 6390130°), P.N.	;US- ;FGFUB; ;USPAT; ;USCOR	OR	OFF	2009/03/18 17:14
S141	520	504/74-76.cds	US- PGPUB; USPAT; USCOR	ADJ	ON	2010/06/30 09:23
S142	7	{("1500614") or ("3943566") or ("3827456") or ("5141298") or ("5566851")).PN.	US- PGPUB; USPAT; USCOR	OR	OFF	2010/06/30 13:12
S143	1	(*2004(250864*)). PN.	;US- ;PGPUB; ;USPAT; ;USCOR	OR	OFF	2010/06/30 13:48

January Januar						
S144	773	§604/73-76.cds.	US-	ADJ	ON	2010/12/06
3			PGPUB;			17:29
3			USPAT;			
3			USOOR			

## EAST Search History (Interference)

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12/7/2010 2:40:03 PM

C:\ Documents and Settings\ kbosworth\ My Documents\ EAST\ Workspaces\ 10588463 BreastValve.wsp